

Converting Colors

XYZ(44.7169, 43.4861, 47.1111)

Have a look what the booklet for
XYZ(44.7169, 43.4861, 47.1111)
contains.

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Color

**XYZ(44.7169, 43.4861,
47.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AAB0
RGB	195, 170, 176
RGB Percent	76%, 67%, 69%
CMY	0.2353, 0.3333, 0.3098
CMYK	0.00, 0.13, 0.10, 0.24
HSL	346°, 17%, 72%
HSV	346°, 13%, 76%
XYZ	44.7169, 43.4861, 47.1111
YIQ	178.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

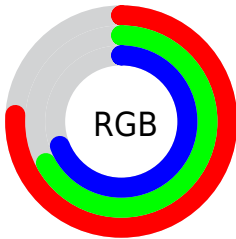
Format	Color
RYB	195, 170, 176
Decimal	12823216
CIELab	71.88, 10.07, 0.25
CIELCh	72, 10.073, 1.446
Yxy	43.4861, 0.3305, 0.3214
Android (android.graphics.Color)	4291013296 (0xFFC3AAB0)
YUV	178.1590, -1.0644, 14.7696
Hunter-Lab	65.9440, 5.6396, 3.8034

Details

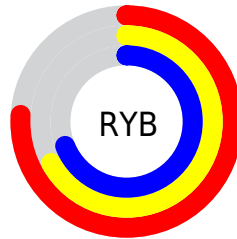
The XYZ color **44.7169, 43.4861, 47.1111** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2797, 51.2516, 55.6527**, and the grayscale version is **42.4027, 44.6109, 48.5813**.

A 20% lighter version of the original color is **81.6356, 80.3721, 87.5546**, and **21.1010, 20.0748, 21.8315** is the 20% darker color. If you saturate the color by 10%, you get **39.9418, 36.1558, 38.6747**, and if you desaturate by 10%, it is **50.1968, 51.9687, 56.5736**.

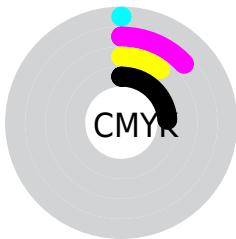
Distribution



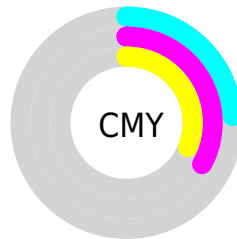
- Red (76%)
- Green (67%)
- Blue (69%)



- Red (76%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7169, 43.4861, 47.1111 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.7169, 43.4861, 47.1111 by changing the saturation by 10% instead.


 44.7169, 43.4861,
47.1111

 44.7169, 43.4861,
47.1111


356.4288,
360.6070, 391.6644

 31.4348, 30.2667,
32.7685


 81.5351, 80.4439,
87.2312

 21.0836, 20.0411,
21.6795


105.8020,
104.9511, 113.8457

 13.2980, 12.4249,
13.4255


134.4611,
133.9896, 145.3880

 7.7125, 7.0338,
7.5881

167.8779,
167.9440, 182.2766

 3.9618, 3.4832,
3.7485

206.4177,
207.1985, 224.9299

 1.6805, 1.3889,
1.4884

250.4459,

 0.4440, 0.2085,

252.1376, 273.7667

0.2093

300.3278,
303.1456, 329.2053

■ 0.0000, 0.0000,
0.0000

■ 44.7169, 43.4861,
47.1111

■ 44.7169, 43.4861,
47.1111

■ 39.9418, 36.1558,
38.6747

■ 50.1968, 51.9687,
56.5736

■ 35.8390, 29.9225,
31.2267

■ 56.4051, 61.6445,
67.0925

■ 32.3787, 24.7347,
24.7311

■ 63.3687, 72.5593,
78.7006

■ 29.5275, 20.5349,
19.1486

■ 71.1121, 84.7550,
91.4280

■ 27.2489, 17.2596,
14.4373

■ 75.5388, 90.0314,
103.9306

■ 25.5024, 14.8381,
10.5515

■ 76.3160, 90.3423,
108.0233

■ 24.2417, 13.1892,
7.4413

■ 23.4122, 12.2161,
5.0507

■ 23.0146, 11.8057,
3.7319

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.2967, 43.4861, 52.0077



44.7169, 43.4861, 47.1111



44.2096, 43.4861, 42.5914

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.7169, 43.4861, 47.1111



39.6358, 43.4861, 39.7409



39.7761, 43.4861, 56.1374

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.7169, 43.4861, 47.1111



45.2797, 51.2516, 55.6527

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.5825, 43.4861, 52.4483



44.7169, 43.4861, 47.1111



38.5031, 43.4861, 42.9771

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.7169, 43.4861, 47.1111



41.2491, 43.4861, 38.5222



38.1228, 43.4861, 47.5876



41.4155, 43.4861, 57.4305

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.7169, 43.4861, 47.1111



43.4215, 43.4861, 40.3414



38.1228, 43.4861, 47.5876



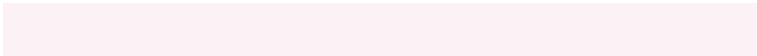
39.3110, 43.4861, 55.1244

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.7181, 43.4880, 47.1120



88.6121, 91.0724, 99.1142



45.1508, 43.4784, 57.6429



19.2332, 19.6771, 21.4100



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.7181, 43.4880, 47.1120



77.9117, 74.5318, 80.5641



45.3372, 45.6549, 44.4552



10.1700, 10.1166, 10.9860



14.9861, 7.6842, 2.5731



0.6756, 0.3432, 0.2590

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.7181, 43.4880, 47.1120



77.9117, 74.5318, 80.5641



44.5733, 48.7753, 58.6957



10.1700, 10.1166, 10.9860



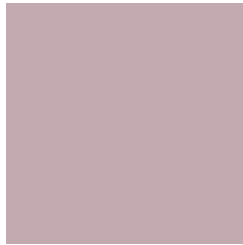
14.9861, 7.6842, 2.5731



0.6756, 0.3432, 0.2590

Previews

White Background



This preview shows how the XYZ color 44.7169, 43.4861, 47.1111 looks on a white background.

Color Contrast Check

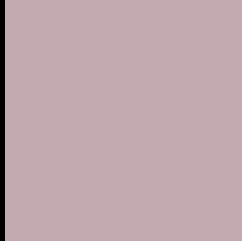
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.7169, 43.4861, 47.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

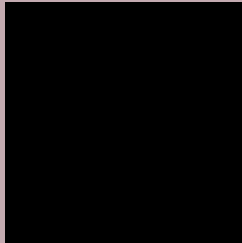
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7169, 43.4861, 47.1111

Background



This preview shows how black text looks on a background with the XYZ color 44.7169, 43.4861, 47.1111.



This preview shows how white text looks on a background with the XYZ color 44.7169, 43.4861,

47.1111.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.7169, 43.4861, 47.1111

Protanopia

42.0571, 43.4983, 48.8272

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

45.3964, 43.4891, 50.2576

Trichromacy



Original Color

44.7169, 43.4861, 47.1111

Protanomaly

42.9870, 43.4158, 48.2339

Deuteranomaly

44.6475, 43.7297, 47.1618

Tritanomaly

45.1911, 43.4070, 49.1766

Monochromacy



Original Color

44.7169, 43.4861, 47.1111

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.0329, 44.0246, 47.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7169, 43.4861, 47.1111 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.7169, 43.4861, 47.1111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 170, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 170, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7169, 43.4861, 47.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
170, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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